

15920 U.S. PTO
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PTO/SB/05 (01-04)

Approved for use through 07/31/2006. OMB 0651-0032
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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No.	4041J-000855
First Inventor	Makoto Ikegami et al
Title	Ejector For Vapor-Compression Refrigerant Cycle
Express Mail Label No.	EV 406 076 737 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 23]
(preferred arrangement set forth below)
 - Descriptive title of the Invention ☒ Specification filed in English
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 8]
5. Oath or Declaration [Total Sheets 5]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ Paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☒ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: _____ / _____
Prior application information: Examiner _____ Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number 27572 OR ☐ Correspondence address below

Name	Harness, Dickey & Pierce, P.L.C.					
Address	P.O. Box 828					
City	Bloomfield Hills	State	MI	Zip Code	48303	
Country	United States of America	Telephone	248-641-1600	Fax	248-641-0270	

Name (Print/Type)	H. Keith Miller Esq.	Registration No. (Attorney/Agent)	22,484
Signature		Date	April 16, 2004

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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EV 406 076 737 US

15920 U.S. PTO
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<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 2004</h2> <p style="font-size: small; margin: 5px 0;">Effective 10/01/2003. Patent fees are subject to annual revision.</p>		Complete if Known	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	To be assigned
TOTAL AMOUNT OF PAYMENT (\$) 810		Filing Date	April 16, 2004
		First Named Inventor	Makoto Ikegami et al
		Examiner Name	
		Art Unit	
		Attorney Docket No.	4041J-000855

METHOD OF PAYMENT (check all that apply)					FEE CALCULATION (continued)																																														
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money <input type="checkbox"/> Other <input type="checkbox"/> None Order <input type="checkbox"/> Deposit Account: Deposit Account Number: 08-0750 Deposit Account Name: Harness, Dickey & Pierce, P.L.C. The Director is authorized to: (check all that apply) <input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.					3. ADDITIONAL FEES																																														
1. BASIC FILING FEE					Large Entity Small Entity																																														
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1002	340	2002	170	Design filing fee																																															
1003	530	2003	265	Plant filing fee																																															
1004	770	2004	385	Reissue filing fee																																															
1005	160	2005	80	Provisional filing fee																																															
SUBTOTAL (1)					(\$ 770)																																														
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Total Claims</td> <td style="width: 10%;">9</td> <td style="width: 10%;">-20 **</td> <td style="width: 10%;">= 0</td> <td style="width: 10%;">X</td> <td style="width: 10%;">Fee from below</td> <td style="width: 10%;">= 0</td> <td style="width: 10%;">Fee Paid</td> <td style="width: 10%;">0</td> </tr> <tr> <td>Independent Claims</td> <td>3</td> <td>-3 **</td> <td>= 0</td> <td>X</td> <td></td> <td>= 0</td> <td></td> <td>0</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td>= 0</td> <td></td> <td>0</td> </tr> </table>					Total Claims	9	-20 **	= 0	X	Fee from below	= 0	Fee Paid	0	Independent Claims	3	-3 **	= 0	X		= 0		0	Multiple Dependent				X		= 0		0															
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**or number previously paid, if greater; For Reissues, see above					Other fee (specify) _____ *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 40)																																														

SUBMITTED BY				Complete (if applicable)	
Name (Print/Type)	H. Keith Miller, Esq.	Registration No. (Attorney/Agent)	22,484	Telephone	248-641-1600
Signature				Date	April 16, 2004

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